

---

## LAKE OKEECHOBEE WATERSHED NORTHERN EVERGLADES CHEMICAL TREATMENT PILOT STUDY (NECTPS)

---

**Mandate:**

Lake Okeechobee Watershed Protection Program (LOWPP)

**Background:**

Northern Everglades Chemical Treatment Pilot Study (NECTPS) was initiated as an integral part of the Lake Okeechobee Watershed Construction Project Phase II Technical Plan (P2TP) (SFWMD et al., 2008), in order to provide the TP load reduction necessary to meet the lake's TMDL target of 140 mt per year.

The preferred P2TP was developed by the District in coordination with FDEP and FDACS with extensive input from stakeholders. The technical plan submitted to the legislature on February 1, 2008 identifies construction projects, along with on-site measures such as agricultural and urban BMPs, needed to achieve water quality targets for the lake.

**Project Overview:**

The chemical treatment study is designed to investigate available information on chemical treatment technologies that have been tested to reduce total phosphorus loads in stormwater runoff and identify technologies appropriate for nutrient reduction throughout the Kissimmee/Okeechobee/Everglades system.

**Application of Results:**

This project will gather all current information on chemical treatment of surface waters, provide additional information from short-term studies if deemed necessary, provide conceptual alternatives that may lead to design, implementation, monitoring and evaluation of treatment systems for nutrient reduction throughout the Kissimmee/Okeechobee/Everglades system.